

WHAT IS CLAIMED IS:

1. A junction box comprising:
 - a base member;
 - 5 a lid member positionable over the base member to form an enclosure; and,
 - a skirt flange extending from the base member, the skirt flange disposed for conveying, in an exterior direction, moisture on one or more surfaces thereof.
- 10 2. A junction box according to claim 1, wherein the skirt flange comprises a bottom drainage flange which projects downwardly and in an exterior direction from beneath the base member, and whereby the junction box is mountable withing a building wall so
15 that the bottom drainage flange projects in an exterior direction past an exterior-most layer of the building wall.
3. A junction box according to claim 2, wherein the skirt flange comprises a pair of side portions which project in an exterior
20 direction from opposite sides of the base member and which extend upwardly from the bottom drainage flange.
4. A junction box according to claim 3, wherein the skirt flange comprises an upper portion which projects downwardly and in an
25 exterior direction from above the base member and which extends transversely between the pair of side portions, and whereby the junction box is mountable within the building wall so that the upper portion projects in an exterior direction past the exterior-most layer of the building wall.

5. A junction box according to claim 1, wherein the skirt flange comprises an upper portion which projects downwardly and in an exterior direction from above the base member and whereby the junction box is mountable within a building wall so that the upper portion projects in an exterior direction past an exterior-most layer of the building wall.
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6. A junction box according to claim 1 comprising a mounting flange projecting outwardly from the base member along at least a portion of a perimeter thereof, wherein the skirt flange projects in an exterior direction from the mounting flange.
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7. A junction box according to claim 6, wherein the skirt flange comprises a bottom drainage flange which projects downwardly and in an exterior direction from beneath the base member, and whereby the junction box is mountable within a building wall so that the bottom drainage flange projects in an exterior direction past an exterior-most layer of the building wall.
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8. A junction box according to claim 7, wherein the skirt flange comprises a pair of side portions which project in an exterior direction from opposite sides of the base member and which extend upwardly from the bottom drainage flange.
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9. A junction box according to claim 8, wherein the skirt flange comprises an upper portion which projects downwardly and in an exterior direction from above the base member and which extends transversely between the pair of side portions, and whereby the

junction box is mountable within the building wall so that the upper portion projects in an exterior direction past the exterior-most layer of the building wall.

- 5 10. A junction box according to claim 6, wherein the skirt flange comprises an upper portion which projects downwardly and in an exterior direction from above the base member and whereby the junction box is mountable within a building wall so that the upper portion projects in an exterior direction past an exterior-most layer of the building wall.
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11. A junction box according to claim 6, wherein the skirt flange is spaced apart from the lid member and encircles a perimeter of at least one of the lid member and base member.
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12. A junction box according to claim 7, wherein the bottom drainage flange comprises one or more dams which project upwardly from an upper surface of the bottom drainage flange for limiting movement of moisture in a transverse direction along the upper surface of the bottom drainage flange.
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13. A junction box according to claim 12, wherein the one or more dams comprise a pair of dams which project upwardly from opposite side edges of the bottom drainage flange for preventing moisture received on the upper surface of the bottom drainage flange from travelling transversely past the side edges of the bottom drainage flange.
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14. A junction box according to claim 7, wherein the bottom drainage flange comprises a drip lip which projects more sharply downwardly than a remaining portion of the bottom drainage flange.

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15. A junction box according to claim 8, wherein the side portions of the skirt flange extend upwardly from the bottom drainage flange at locations that are transversely inward of opposing side edges of the bottom drainage flange.

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16. A junction box according to claim 9, whereby the junction box is mountable within the building wall so that at least one wall layer abuts against at least a portion of the skirt flange.

- 15 17. A junction box according to claim 6, wherein the mounting flange projects vertically from the base member.

18. A junction box according to claim 6, wherein the mounting flange projects transversely from the base member.

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19. A junction box according to claim 6, whereby the junction box is mountable within a building wall so that the mounting flange is fastenable to one or more layers of the building wall.

- 25 20. A junction box according to claim 6, wherein the mounting flange extends between and substantially parallel to a pair of layers of the building wall.

21. A junction box according to claim 1 comprising a plurality of concentric flanges extending from a surface of the base member, wherein a cable conduit may be slidably engaged to one of the plurality of flanges.
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22. A junction box according to claim 21 comprising one or more knock-out elements located on the surface of the base member inside a diameter of an outermost one of the plurality of concentric flanges, the one or more knock-out elements being removable from the base member to form an aperture therein, such that a cable may extend from an interior of the cable conduit through the aperture and into the enclosure.
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23. A junction box according to claim 6 comprising a plurality of concentric flanges extending from a surface of the base member, wherein a cable conduit may be slidably engaged to one of the plurality of flanges.
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24. A junction box according to claim 23 comprising one or more knock-out elements located on the surface of the base member inside a diameter of an outermost one of the plurality of concentric flanges, the one or more knock-out elements being removable from the base member to form an aperture therein, such that a cable may extend from an interior of the cable conduit through the aperture and into the enclosure.
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25. A junction box comprising:

a base member having a recessed region therein;

a lid member positionable over the recessed region of the
base member to form an enclosure, the lid member and base
member couplable on one side by one or more hinges;

a plurality of concentric flanges extending from a surface of
the base member, wherein a cable conduit may be slidably
engaged to one of the plurality of flanges;

one or more knockout elements located on the surface of
the base member inside a diameter of an outermost one of the
plurality of concentric flanges, the one or more knock-out
elements being removable from the base member to form an
aperture therein, such that a cable may extend from an interior of
the cable conduit through the aperture and into the enclosure; and,

a skirt flange for conveying, in an exterior direction,
moisture on one or more surfaces thereof, the skirt flange
comprising a bottom drainage flange which projects downwardly
and in an exterior direction from beneath the base member;

whereby the junction box is mountable within a building wall so
that the bottom drainage flange projects in an exterior direction
past an exterior-most layer of the building wall.

26. A junction box according to claim 25, wherein the skirt flange
comprises a pair of side portions which project in an exterior
direction from opposite sides of the base member and which
extend upwardly from the bottom drainage flange.

27. A junction box according to claim 26, wherein the skirt flange
comprises an upper portion which projects downwardly and in an

5 exterior direction from above the base member and which extends transversely between the pair of side portions, whereby the junction box is mountable within the building wall so that the upper portion projects in an exterior direction past the exterior-most layer of the building wall.

10 28. A junction box according to claim 25, wherein the skirt flange comprises an upper portion which projects downwardly and in an exterior direction from above the base member, and whereby the junction box is mountable within the building wall so that the upper portion projects in an exterior direction past the exterior-most layer of the building wall.

15 29. A junction box according to claim 25, wherein the skirt flange is spaced apart from the lid member and encircles a perimeter of at least one of the lid member and the base member.

20 30. A junction box according to claim 25 comprising a mounting flange for mounting the junction box within the building wall, the mounting flange projecting transversely from the base member along at least a portion of a perimeter thereof, and wherein the skirt flange projects in an exterior direction from the mounting flange.

25 31. A junction box according to claim 30, wherein the skirt flange comprises a pair of side portions which project in an exterior direction from the mounting flange on opposite sides of the base member and which extend upwardly from the bottom drainage flange.

32. A junction box according to claim 31, wherein the skirt flange comprises an upper portion which projects downwardly and in an exterior direction from the mounting flange above the base member and which extends transversely between the pair of side portions, and whereby the junction box is mountable within the building wall so that the upper portion projects in an exterior direction past the exterior-most layer of the building wall.
33. A junction box according to claim 25, wherein the skirt flange is spaced apart from the lid member and encircles a perimeter of at least one of the lid member and base member.
34. A junction box according to claim 25, wherein the bottom drainage flange comprises one or more dams which project upwardly from an upper surface of the bottom drainage flange for limiting movement of moisture in a transverse direction along the upper surface of the bottom drainage flange.
35. A junction box according to claim 34, wherein the one or more dams comprise a pair of dams which project upwardly from opposite side edges of the bottom drainage flange for preventing moisture received on the upper surface of the bottom drainage flange from travelling transversely past the side edges of the bottom drainage flange.
36. A junction box according to claim 25, wherein the bottom drainage flange comprises a drip lip which projects more sharply downwardly than a remaining portion of the bottom drainage flange.

37. A junction box according to claim 31, wherein the side portions of the skirt flange extend upwardly from the bottom drainage flange at locations that are transversely inward of opposing side edges of the bottom drainage flange.

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38. A junction box according to claim 31 whereby the junction box is mountable within the building wall so that at least one layer of the building wall abuts against at least a portion of the skirt flange.

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